

JOINT MESSAGEFORM

RESERVED FOR COMMUNICATION CENTER

SECURITY CLASSIFICATION

SECRET

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SUP. DOC. NO.

550

TYPE MSG

BOOK

MULTI

SINGLE

PRECEDENCE

ACTION ROUTINE

INFO

DTS

FROM: ADC

TO: CSAF/AFOAP/

~~INFO: CSAF/AFIOBNC/~~

SECRET ADOSS-L

INFO: AFIOBNC

Subj: Program 437 Concept of Operations (U)

Ref CSAF (C) 191353Z Jan 70, Subj: Johnston Island

Host Responsibilities.

1. As requested by the above referenced message, the text of our planned response to PACAF is provided for your information and use. This preliminary data is sufficient to outline the situation that would develop if Program 437 were placed on a two week standby. However, our comments only addressed the specifics requested by PACAF not the net effect of such an action.

Consequently, our inputs should not serve as the sole basis for Air Staff decisions re Program 437.

2. The contractor support costs data presented by the 14 Mar 69 SMVX study is the latest information on the subject available to this office.

SPECIAL INSTRUCTIONS

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SPECIFIED. DOWNGRADING
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| DATE | TIME |
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TYPED NAME AND TITLE

PHONE

9794

SIGNATURE

DRAFT

MAJ PINTLER

TYPED (or stamped) NAME AND TITLE

Signed
DMITRI EVDOKIMOFF, Colonel, USAF
Director, Space Defense Operations

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REGARDING INSTRUCTIONS

DD FORM 173

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559

3. A standby operation at JI would be built upon the premise that a ready-to-launch condition must be restored within two weeks from notification to employ the system.

a. This basic premise dictates the following secondary assumptions:

(1) Both missiles would be placed in a ready storage status within the missile shelters.

(2) Payloads would be removed from the missile and stored at Vandenberg AFB.

(3) JI maintenance would be limited to corrosion control, storage inspections of Aerospace Vehicle Equipment (AVE), routine Aerospace Ground Equipment (AGE) inspections and that activity required to maintain other launch essential equipment.

(4) PACAF will assume responsibility for the following functions with manning determined by PACAF's method of operation.

(a) Cryogenic supply (LOX Plant)

(b) Precision Measurement Laboratory (PML)

CONTROL NO.

TOR/TOD

PAGE NO.
2

NO. OF PAGES

MESSAGE IDENTIFICATION

INITIALS

SECURITY CLASSIFICATION

REGRADING INSTRUCTIONS

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SECURITY INFORMATION

PRECEDENCE

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SUP. DOC. NO.

550

(c) Security

(d) Explosive Ordnance Disposal (EOD)

(5) Training exercises involving deployment of 437 crews from Vandenberg, together with training payloads, will be conducted semi-annually.

b. The proposed concept of operations to support the major considerations is as follows:

(1) Program 437 crews would be permanently stationed at Vandenberg. Backup missiles would be maintained by the 10th Aerosp Defense Gp (ADG). Launch crews would deploy to JT semi-annually where they would perform a modified missile on-site launch checkout culminating in a system readiness training exercise. These training efforts would duplicate an actual alert situation in all respects. In addition, they would satisfy the 180-day missile maintenance requirement. Payload assemblies would be mated to the missiles and checked out, and operational msg traffic would flow through the 437 Data Communications Center. Personnel

CONTROL NO.

TOR/TOD

PAGE

NO. OF PAGES

MESSAGE IDENTIFICATION

INITIALS

UNCLASSIFIED

SECURITY CLASSIFICATION

REGRADING INSTRUCTIONS

ABBREVIATED JOINT MESSAGEFORM
and/or CONTINUATION SHEET

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SUP. DOC. NO.

550

would be required in the security and communications area to support a full scale 437 operation.

(2) At Johnston Island, the structure of the 24th Aerosp Defense Sq would be retained but with reduced manning. For example, security forces would be deleted as well as communications, PMEL, and ZOD personnel. The 437 Data Communication Center would be turned over to the 1957th Comm Group for operation and support on a standby basis. The Ground Guidance stations and Direction Center would require daily inspections. At the launch emplacement, the missiles would be stored in the missile shelters and a controlled environment maintained. Missile storage inspections would be required. The AGE would receive normal periodic maintenance. LOX plant operations would be reduced, but a minimum force would be necessary to provide the cryogenics required for emplacement maintenance and to keep the plant in an operating condition. The Payload Surveillance and Inspection

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|-------------------------|---------------------|------|--------------|------------------------|----------|
| CONTROL NO. | TOR/TOO | PAGE | NO. OF PAGES | MESSAGE IDENTIFICATION | INITIALS |
| | UNCLASSIFIED | | | | |
| SECURITY CLASSIFICATION | | | | REGARDING INSTRUCTIONS | |

ABBREVIATED JOINT MESSAGEFORM
and/or CONTINUATION SHEET

SECURITY CLASSIFICATION

PRECEDENCE

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UNCLASSIFIED

ACTION

INFO

SUP. DOC. NO.

550

facility will be reduced to required equipment inspections and supply storage. The Launch Operations Control Center will require daily equipment inspections.

3. (C) The following items are referenced specifically to your 080452Z Jan msg:

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a. Ref item 2A - All personnel remaining would be assigned the 24th ADS as follows:

| FUNCTIONAL CODE | PERSONNEL |
|-----------------|-----------|
| 101000 | 1 |
| 101200 | 3 |
| 166500 | 2 |
| 106300 | 1 |
| 310000 | 1 |
| 310031 | 2 |
| 312000 | 14 |
| 440000 | 2 |
| 281000 | 1 |
| 281100 | 6 |

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CONTROL NO.

TOR/TOO

PAGE NO.

NO. OF PAGES

MESSAGE IDENTIFICATION

INITIALS

5

SECURITY CLASSIFICATION

UNCLASSIFIED

REGRADING INSTRUCTIONS

DD FORM 173-1

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ABBREVIATED JOINT MESSAGEFORM
and/or CONTINUATION SHEET

SECURITY CLASSIFICATION

PRECEDENCE

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UNCLASSIFIED

SECTION
INFO

SUP. DOC. NO.
550

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| 281400 | 2 |
| 281200 | 4 |
| 281500 | 3 |
| 282000 | 1 |
| 283000 | 1 |
| 283500 | 2 |
| 284100 | 3 |
| 285000 | 12 |
| 283300 | 6 |
| 283700 | 6 |
| 286000 | 2 |
| 410000 | 5 |
| 412000 | 4 |
| 416000 | 3 |
| 414100 | 2 |
| 416100 | 6 |
| 400050 | 1 |
| 282100 | 5 |

CONTROL NO.

TOR/TOO

PAGE
NO.

NO. OF
PAGES

MESSAGE IDENTIFICATION

INITIALS

UNCLASSIFIED

SECURITY CLASS

REGRADING INSTRUCTIONS

ABBREVIATED JOINT MESSAGEFORM
and/or CONTINUATION SHEET

SECURITY INFORMATION

PRECEDENCE

RELEASED BY

DRAFTED BY

UNCLASSIFIED

SUP. DOC. NO.

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b. Ref item 2B - Essentially, all facilities would be in active or standby status. For example, the guidance station in building 990 would not be operational but routine maintenance would have to be performed on a daily basis. This same situation would prevail in Bldg 100 insofar as the Guidance Station and Direction Center are concerned. As squadron administration and supply would continue to function from Bldg 100, this would be an "active" facility. Bldg 120 would have to remain open to provide space for maintenance control, QC, and various shops. The S&I area (Bldg 787 & 788) would be active for equipment inspections and supply storage. Equipment inspections and office facilities will be required in Bldg 790, Launch Control Center. Bldg 701 could be closed. Air conditioning equipment would have to be kept functional and operating in all facilities with the exception

CONTROL NO.

TOR/TOD

PAGE
NO.

NO. OF
PAGES

MESSAGE IDENTIFICATION

INITIALS

7

SECURITY CLASSIFICATION

UNCLASSIFIED

RELEASING INSTRUCTIONS

DD FORM 1 NOV 65 173-1

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SECURITY CLASSIFICATION

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c. Ref item 2C - As presently provided.

d. Ref item 2D - That support routinely provided the island by the 1957th Communications Group would be sufficient to 24th ADS needs. Responsibility for the 437 Data Communications Center in Bldg 100 would be transferred, along with the Tactical Communications System, to the 1957th for operations and maintenance.

e. Ref item 2e - A ready-to-launch situation would have to be established within two weeks from notification to employ.

f. Ref item 2f - It is anticipated that all 437 AVE, AGE and related equip would be placed on ready standby as opposed to entering storage.

g. Ref item 2g - As presently provided - except at reduced level; i.e., vehicle maintenance.

h. Ref 2h - the concept of operation, in its broad outline, is discussed in para 2B. In the event a decision were made to withdraw 437 from JI in its entirety,]

CONTROL NO.

TOR/TOD

PAGE
NO.
8

NO. OF
PAGES

MESSAGE IDENTIFICATION

INITIALS

SECURITY CLASSIFICATION

UNCLASSIFIED

REGARDING INSTRUCTIONS

ABBREVIATED JOINT MESSAGEFORM
and/or CONTINUATION SHEET

SECURITY CLASSIFICATION

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SUP. DOC. NO.

550

all ADC personnel associated with the program (essentially, the 24th ADS) would be relocated with resultant savings of approximately \$3.9 M/yr. However, recognizing the desirability of the location from the R&D point of view, it is anticipated that the launch facilities, AGE, and associated equipment would be placed into long term storage intact. This procedure would permit the restoration of a launch capability at minimum cost.

4. In order to meet your suspense, our treatment of the questions posed by your msg has been necessarily brief, and if the decision were made to place Program 437 in a standby status further extensive staff action would be required by this hq to finalization the concept of operation. In the event that the information provided is insufficient in regard to some necessary specifics, contact Lt Col Gribble at Ent AFB, Ext 3397. GP-3.

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| CONTROL NO. | TOR/TOD | PAGE NO. 9 | NO. OF PAGES 9 | MESSAGE IDENTIFICATION | INITIALS |
| SECURITY CLASSIFICATION UNCLASSIFIED | | | | | |